Electronic Acknowledgement Receipt

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Application Number:	10789311
International Application Number:	
Confirmation Number:	9201
Title of Invention:	Method and apparatus for implementing processor instructions for accelerating public-key cryptography
First Named Inventor/Applicant Name:	Sheueling Chang Shantz
Customer Number:	58467
Filer:	Robert C. Kowert/Dena Poudrier
Filer Authorized By:	Robert C. Kowert
Attorney Docket Number:	6000-31500
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Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
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RAM confirmation Number	2542
Deposit Account	501505
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	IDS3.pdf	667736 / 9bab3d6d0e97dd67d6ce484d4cce2927b2b2c0e5	no	8

Warnings:

Information:

| 2 | NPL Documents | A-Compact-Fast-Variable.pdf | 171180 / c0c55cc5e3ce39b3094d763cacd83cef967aec33 | no | 2 |

Warnings:

Information:

| 3 | NPL Documents | Additional-ECC-Groups-for-IKE.pdf | 703606 / 298133d7ca7afb9343c27b41c2632f004b327a33 | no | 18 |

Warnings:

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| 4 | NPL Documents | A-Fast-Algorithm-for-Computing.pdf | 255656 / 376b41b63dce6c8ecc882e73794551b6481b91a8 | no | 4 |

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| 5 | NPL Documents | A-High-Performance-Reconfigurable-Elliptic.pdf | 1235431 / 9758fd6339d7d19b951e5cd5e0c6e2c4fea602e3 | no | 16 |

Warnings:

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| 6 | NPL Documents | An-Energy-Efficient-Reconfigurable-Public-Key.pdf | 1264887 / fdaa54dbd2f8ec11f40f89cd63c05e01b49efa38 | no | 14 |

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| 7 | NPL Documents | An-Implementation-of-Elliptic.pdf | 796065 / 70f3660cf843c3d21780df2faf5a43686c1925ee | no | 10 |

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| 8 | NPL Documents | COMBA_Exponentiation_Cryptosystems.pdf | 962990 / 3c76119694b53540b4bcb5c7501886bddd122b93 | no | 13 |

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| 9 | NPL Documents | Digital-Signature-Standard-DSS.pdf | 1880127 | no | 76 |
| | | | e1012bb1a680af08ba70d16e12f78a85caf7bb19 | | |

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| 10 | NPL Documents | ECC-Cipher-Suites-for-TLS-031501.pdf | 834279 | no | 22 |
| | | | 9dd1caeec4bb23497a83b589d926951719ea9187 | | |

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| 11 | NPL Documents | ECC-Cipher-Suites-for-TLS.pdf | 897679 | no | 32 |
| | | | ab62e7b30a267b2cc4f9390036bc516181f99bc2 | | |

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| 12 | NPL Documents | Efficient-Algorithms-for-Elliptic-Curve-Cryptosystems.pdf | 842966 | no | 16 |
| | | | 4f3ff3c3f16052b415863f797684d0e7b148b8d6 | | |

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| 13 | NPL Documents | Elliptical-Curve-Cryptography-on-Smart-Cards.pdf | 3539602 | no | 90 |
| | | | abaeb759b255a76dbad9e317e71b0e5149ff8196 | | |

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| 14 | NPL Documents | Elliptic-Curve-Cryptography.pdf | 1750123 | no | 22 |
| | | | ed6e664e34dffc49d9d08272ee5bcc8e9aa49f60 | | |

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| 15 | NPL Documents | Elliptic-Curve-Cryptosystems.pdf | 535310 | no | 8 |
| | | | 0b192c1d66a804c9284b087c73e8dd34d8cd585a | | |

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| 16 | NPL Documents | ERDEM_A_Less_Recursive_Variant.pdf | 447153 | no | 8 |
| | | | 4730b809fcf2af2bb5629b62eaca1105d09170c1 | | |

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| 17 | NPL Documents | Fast-Key-Exchange.pdf | 1575010 | no | 14 |
| | | | 2890fd4ab0b546c5e9700157fc33a71d04ffa6cb | | |

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18	NPL Documents	Fast-Multiplication-on-Elliptic-Curves.pdf	689314	no	12
			8dae1db0663934a5fcb92836ef94c744a8be0269		

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19	NPL Documents	From-Euclids-GCD-to-Montgomery.pdf	542033	no	14
			bcf6b3e2e654e26df2efc42b2e14aa6796717913		

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20	NPL Documents	Generalizations-of-the-Karatsuba-Algorithm.pdf	736556	no	24
			46df89b70ec81d19e88a3c000dba20a1e6c1ffb5		

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21	NPL Documents	GUPTA_Speeding_up_Secure_Web_Transactions.pdf	703045	no	9
			49394d2c07f7623cff83229fd302bfc75938b385		

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22	NPL Documents	GURA_Comparing_Elliptic_Curve_Cryptographic_and_RSA.pdf	760992	no	14
			91e4f2c40cd6dd5cd70f1bc8f3163bd49d2ff3e5		

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23	NPL Documents	HANKERSON_Guide_to_Elliptic_Curve.pdf	3937201	no	57
			381e5e6bfcbf776ca0eaaa40f8d8629aaaa84624		

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24	NPL Documents	HASEGAWA_A_Practical_Implementation_of_Elliptic_Curve_Cryptosystems.pdf	1311083	no	14
			1b454064aed2c73b3114297f7a521fd308709002		

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25	NPL Documents	High-Radix.pdf	449413	no	6
			08e93b895bb7c7259fbb6dbb944ee958eadb2279		

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26	NPL Documents	Incomplete-Reduction.pdf	510750	no	8
			7694e6fb232137dcb321747e89a8b7f0af9ace9b		

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| 27 | NPL Documents | KALISKI_TWIRL_and_RSA_Key_Size.pdf | 347274 | no | 5 |
| | | | 83055246e30d0475782ccefb352f165ac700d823 | | |

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| 28 | NPL Documents | KARATSUBA_Ymnozhenie_mnogozhachnix.pdf | 337539 | no | 4 |
| | | | 68feb891e78781ccabb4f16f5bea9a40d5e465f0 | | |

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| 29 | NPL Documents | Low-Energy-Digit-Serial-Parallel-Finite.pdf | 969608 | no | 18 |
| | | | 3313b1ba1df5b40e05139ab548aba05e1af70dd9 | | |

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| 30 | NPL Documents | Mastrovito-Multiplier.pdf | 932278 | no | 16 |
| | | | ad4a839670d0c8c678512cf2ce35afea8b60c923 | | |

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| 31 | NPL Documents | Rapid-Prototyping.pdf | 471348 | no | 6 |
| | | | ff31b7af11ee5e344f4f1d139cde15e0d6bfc472 | | |

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| 32 | NPL Documents | Reconfigurable-implementation.pdf | 602384 | no | 8 |
| | | | 3dc39ca3836372a84bb5f78bdbab15b5b04a70d0 | | |

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| 33 | NPL Documents | RFC-2246-on-The-TLS-Protocol.pdf | 3045563 | no | 82 |
| | | | 34b39b6b1000edcc244f724def0b5e4201915d05 | | |

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| 34 | NPL Documents | Software-Implementation.pdf | 302818 | no | 24 |
| | | | 4c77edde3e8068c5f405832d6a95cf4014d7c2ac | | |

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| 35 | NPL Documents | Standards-for-Efficient-Cryptography.pdf | 1923644 | no | 52 |
| | | | 650710d58638ec34c0e7c281378fbd87809477fc | | |

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36	NPL Documents	Use-of-Elliptic-Curves.pdf	547568 1499b326e60f4b915f1a53edec0fa7f9e67e a6b8	no	10

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37	Fee Worksheet (PTO-06)	fee-info.pdf	30226 279e7b7dabb1da138e37e8295a46810efc5 33435	no	2

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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